

CONVEYOR AND PROCESS BELTS
TECHNICAL DATA SHEET
CODE NA-225
TYPE
SILON 25 HC
COMPOSITION

Conveying side	material	Non-woven Polyester (PET)			
	thickness	---	mm	---	in
	cover finish	rough			
	colour	anthracite			
	coeff. of friction	LF			
Textile carcass	material	Polyester (PET)			
	no. of plies	1			
	type of weft	flexible			
Driving side	material	Non-woven Polyester (PET)			
	thickness	---	mm	---	in
	cover finish	rough			
	colour	anthracite			

TECHNICAL SPECIFICATIONS

Total thickness		2,5 mm	0,10 in.
Weight		1,6 kg/m ²	0,33 lbs./sq.ft
Trazione all'1% d'allungamento		10 N/mm	57,1 lbs./in.
Max. admitt. load		10 N/mm	57 lbs./in.
Temperature resistance ⁽¹⁾	min.	-20 °C	-4 °F
	max.	+120 °C	248 °F

⁽¹⁾ use of the belt with limit values may reduce its life

Minimum pulley diameter

■ knife edge	no		
■ bending pulley	30 mm	1,18 in.	
■ counter-bending pulley	50 mm	1,97 in.	

the above mentioned values depend on the type of CHIORINO joint recommended

Coefficient of friction of driving surface

■ raw steel sheet	0,20 [-]
■ laminated plastic/wood	0,25 [-]
■ steel roller	0,20 [-]
■ rubberized roller	0,30 [-]

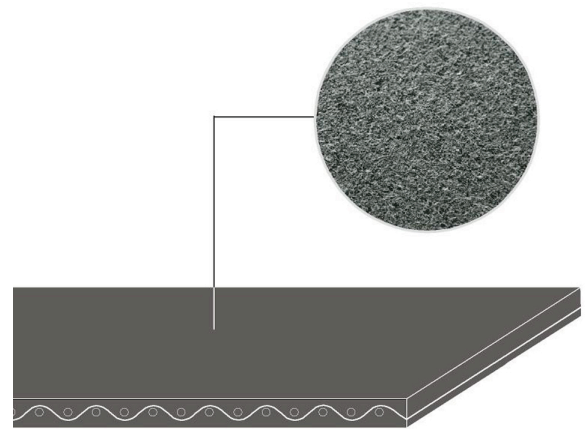
Max. production width	2000 mm	79 in.
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JOINTING METHODS

See jointing data sheet

NOTES

Due to the product structure, these data represents a guideline only and can be changed without notice.


FEATURES

FDA conformity	no
USDA conformity	no
HACCP conformity (CEE 72/2002)	no
Flame Retardant (EN20340-ISO340)	no
Humidity influence	no
Suitable to metal detector	no
Permanent antistatic dynamically (UNI EN 1718)	yes
Static conductivity (ISO 284)	yes
Conveying on skid bed	yes
Conveying on rollers	yes
Conveying on skid bed on top and return	yes
Troughed conveying	yes
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	yes
Curved conveyor	no
Chemical resistances (see chart of chemical resistances)	11

SUITABLE FOR

Packaging and confectionary
 Paper industry
 Wood industry
 Punching and cutting
 Tanning industry

Issue: 28-07-2005

Date last modified: 29-05-2007

DISCLAIMER

The information contained in this document describes the features of the CHIORINO product as tested in a laboratory environment at a temperature of +23 degrees C at 50% relative humidity. It does not necessarily reflect the conditions of industrial use and it does not guarantee the product to be suitable for certain applications. The client remains liable for the proper selection and correct use of the CHIORINO product. CHIORINO cannot be held responsible should damages arise from the use of its products. Necessary alterations to this data can be made without prior notice.

CODE NA-225

TYPE

SILON 25 HC

• Recommended jointing procedure

SKIVED JOINT '1'



Check our general catalogue to get further info on CHIORINO jointing methods.

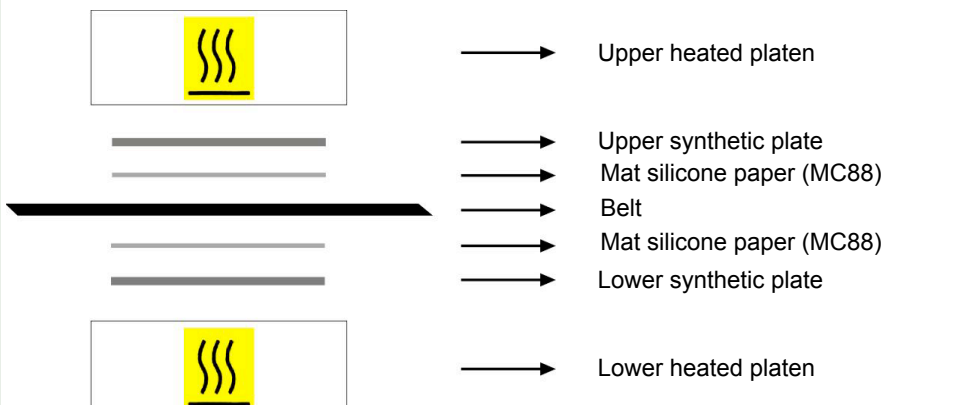
• Skiving instructions

Skiver	Belt thickness mm	Length mm	Straight/ diagonal cut	Cam/ wedge number	Pulley				Top cover			
					T mm	B mm	Thickness adjustment	End stop switch of working plate	T mm	B mm	Thickness adjustment	End stop switch of working plate
B600 A	2,5	40	Diagonal	1-10	15	5	18,95	--	--	--	--	--
B300 SA	---	---	---	---	---	---	---	---	---	---	---	---

• Guide to the use of adhesives

Pour the **I hardener** with the **R cement** (pot-life 2 hours).
 Apply a thin layer of above mix on both splices.
 Let dry for 5 minutes, then match the belt ends, paying attention to align properly.
 Press according to the instructions shown.
 To ensure best joint life it is advisable not to run or tension the belt for 24 hours.
 Kit: **SINTECOL**.

• Layout of components



Press settings	
Upper platen temperature	100 °C
Lower platen temperature	100 °C
Curing time in press	15 min.
Driving torque	30 N/m
Cooling time: the belt shall be removed from the press only when room temperature is reached.	

• Notes

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